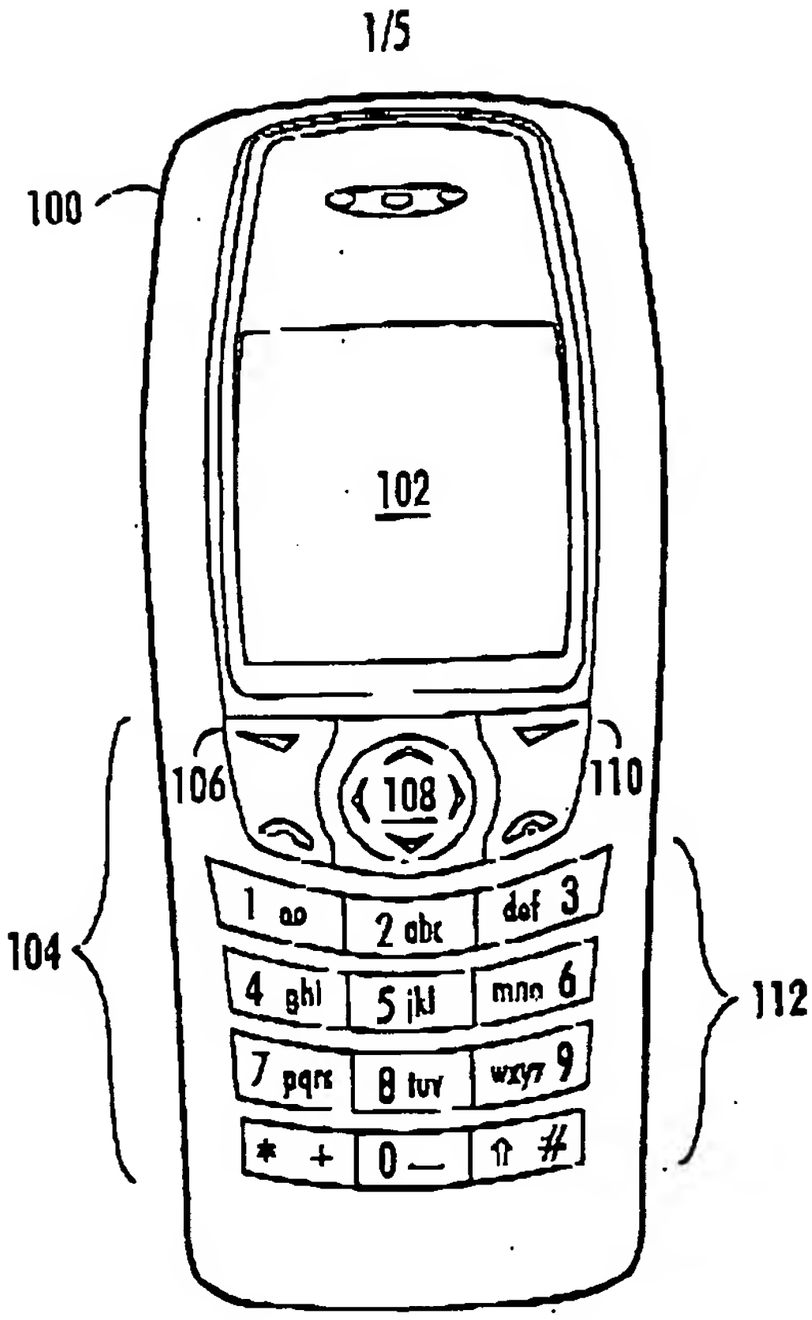
100
102
106
108
110
104
112
1 oo
2 abc
def 3
4 ghi
5 jkl
mno 6
7 pqrs
8 tuv
wxyz 9
* +
0 —
⇧ #

FIG. 1

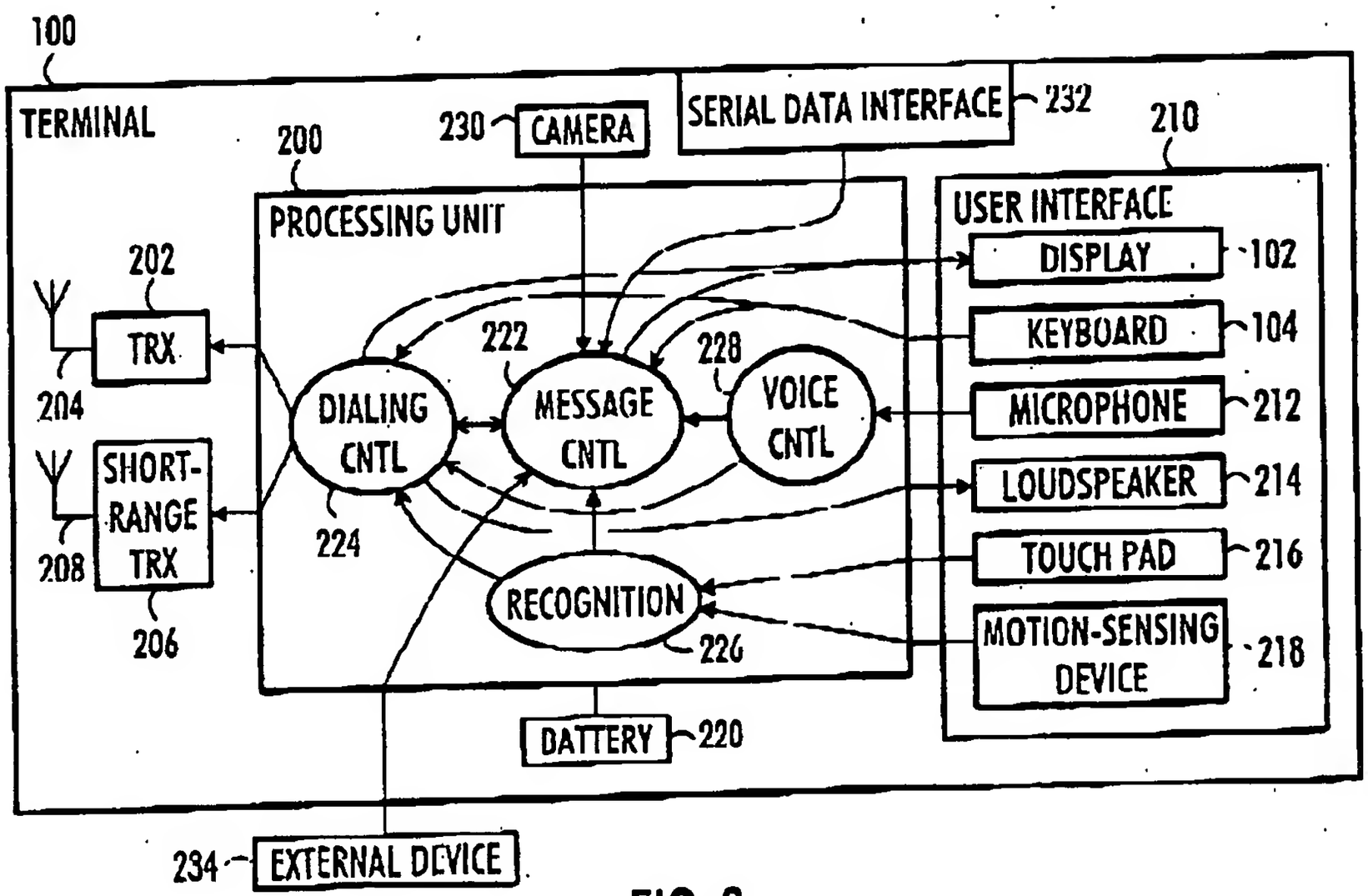
100
TERMINAL
200
PROCESSING UNIT
230
CAMERA
SERIAL DATA INTERFACE
232
210
USER INTERFACE
DISPLAY
102
KEYBOARD
104
MICROPHONE
212
LOUDSPEAKER
214
TOUCH PAD
216
MOTION-SENSING DEVICE
218
202
TRX
204
SHORT-RANGE TRX
208
206
DIALING CNTL
222
MESSAGE CNTL
228
VOICE CNTL
224
RECOGNITION
226
BATTERY
220
234
EXTERNAL DEVICE

FIG. 2

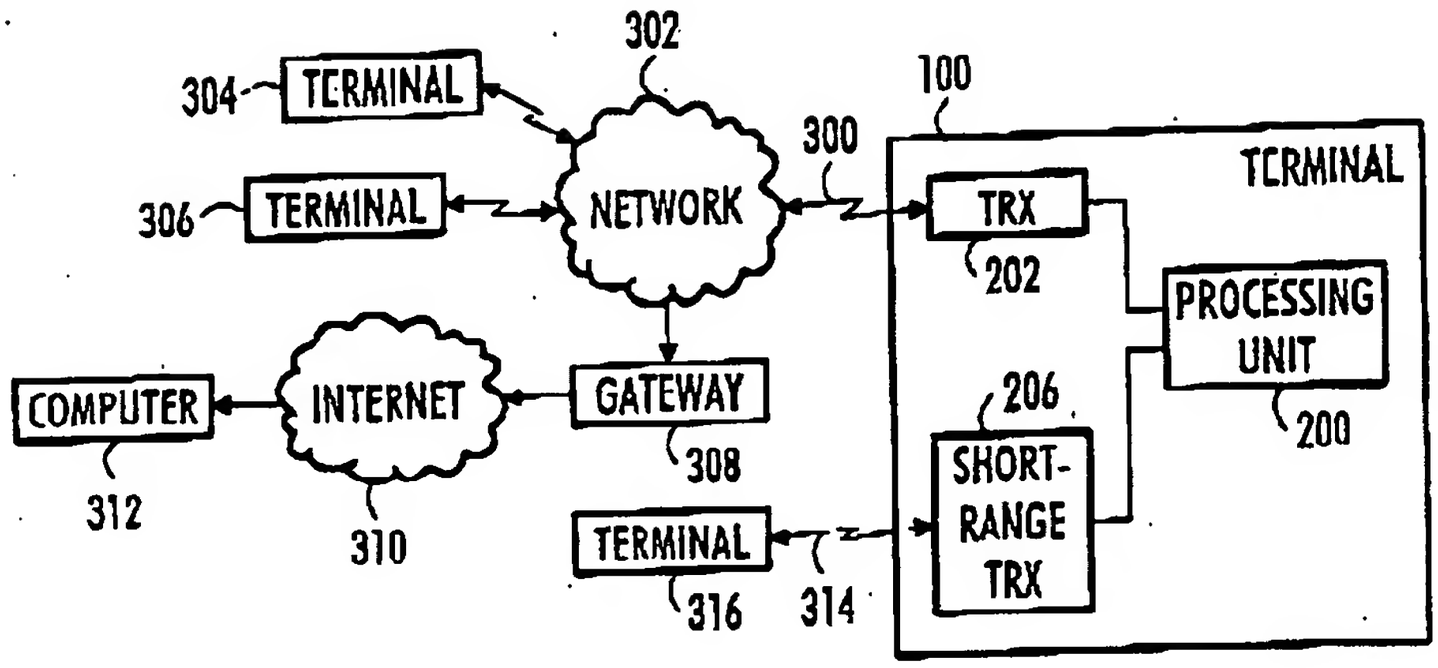
302
304
TERMINAL
100
300
TERMINAL
306
TERMINAL
NETWORK
TRX
202
PROCESSING UNIT
200
206
COMPUTER
INTERNET
GATEWAY
308
SHORT-RANGE TRX
312
310
TERMINAL
316
314

FIG. 3

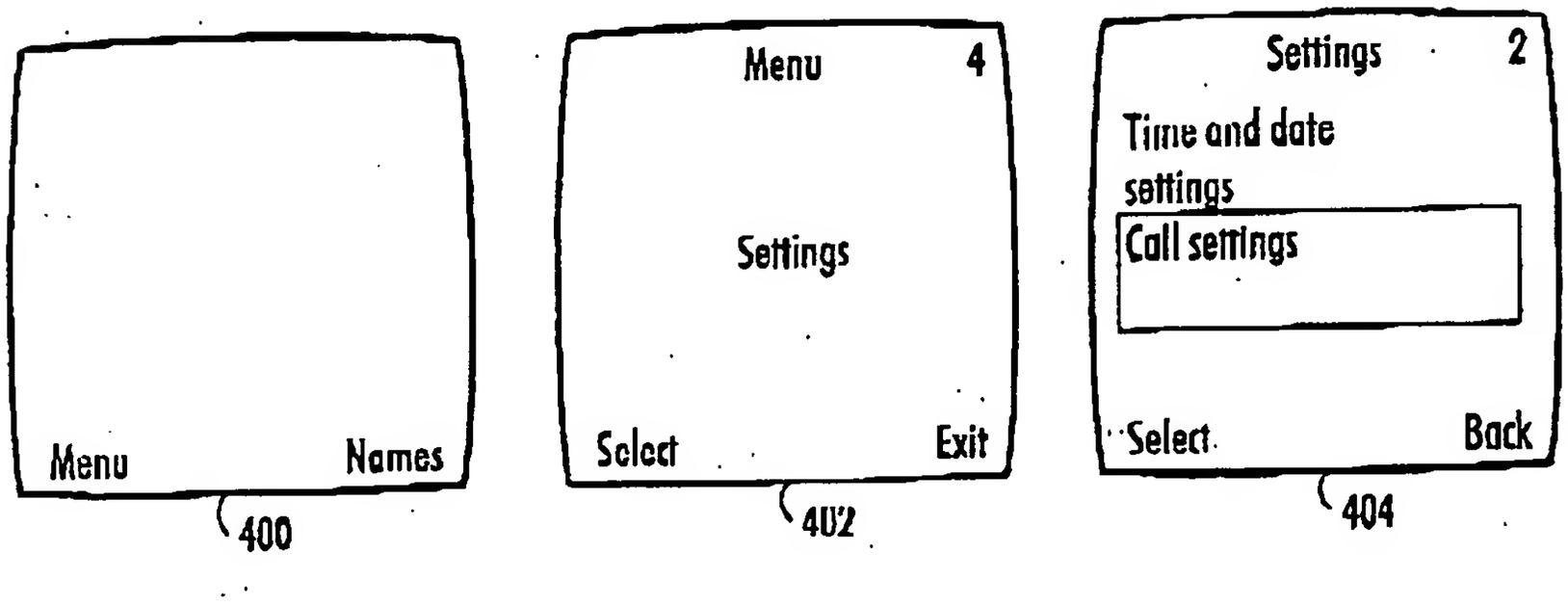
Menu
Names
400
Menu 4
Settings
Select
Exit
402
Settings 2
Time and date settings
Call settings
Select
Back
404
Call settings 4
Automatic redial
Off
Speed dialing
Off
Select
Back
406
Speed dialing
On
Off
Select
Back
408
Call settings 4
Automatic redial
Off
Speed dialing
On
Select
Back
410

FIG. 4

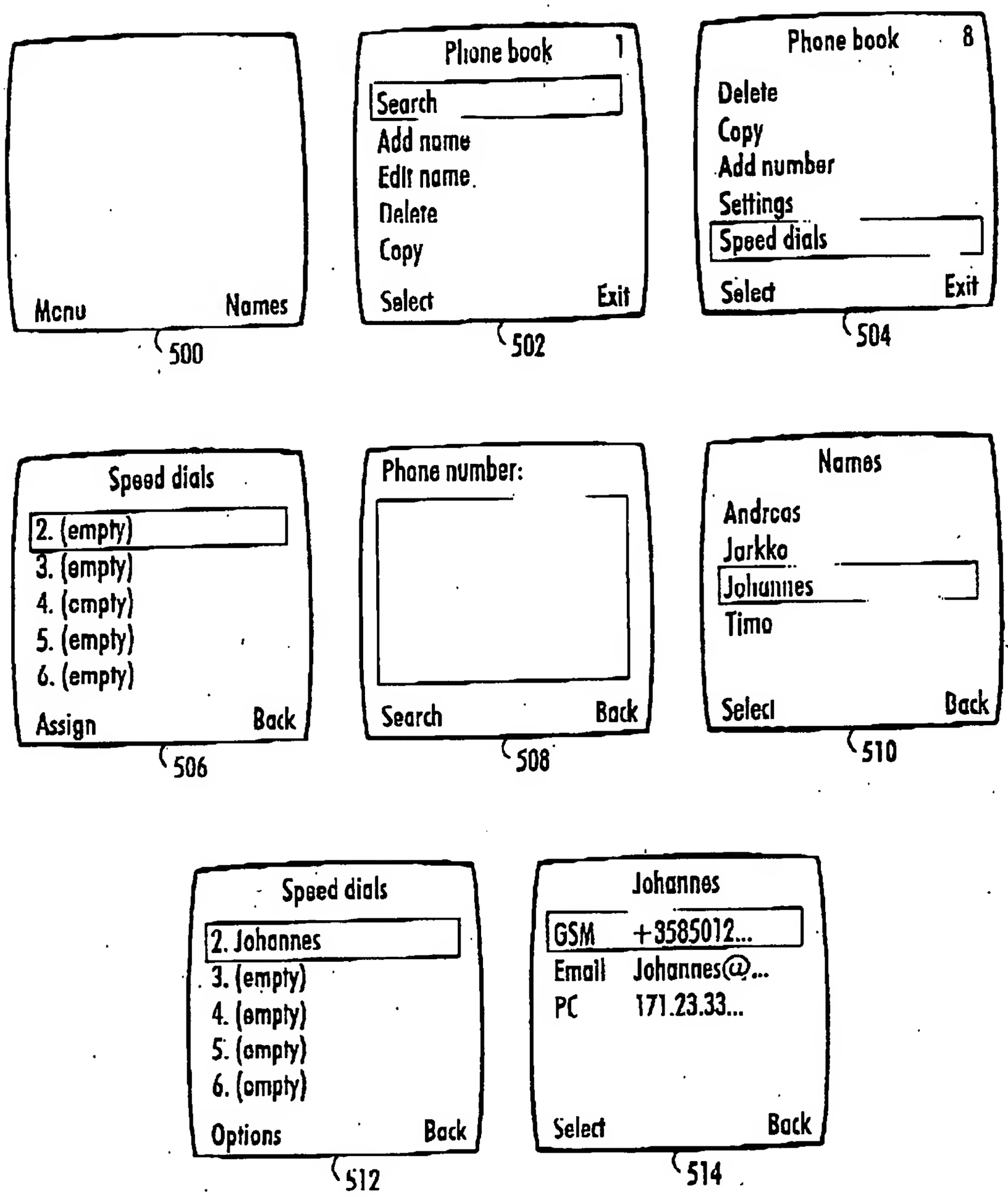
Menu
Names
500
Phone book 1
Search
Add name
Edit name
Delete
Copy
Select
Exit
502
Phone book 8
Delete
Copy
Add number
Settings
Speed dials
Select
Exit
504
Speed dials
2. (empty)
3. (empty)
4. (empty)
5. (empty)
6. (empty)
Assign
Back
506
Phone number:
Search
Back
508
Names
Andreas
Jarkko
Johannes
Timo
Select
Back
510
Speed dials
2. Johannes
3. (empty)
4. (empty)
5. (empty)
6. (empty)
Options
Back
512
Johannes
GSM +3585012...
Email Johannes@...
PC 171.23.33...
Select
Back
514

FIG. 5

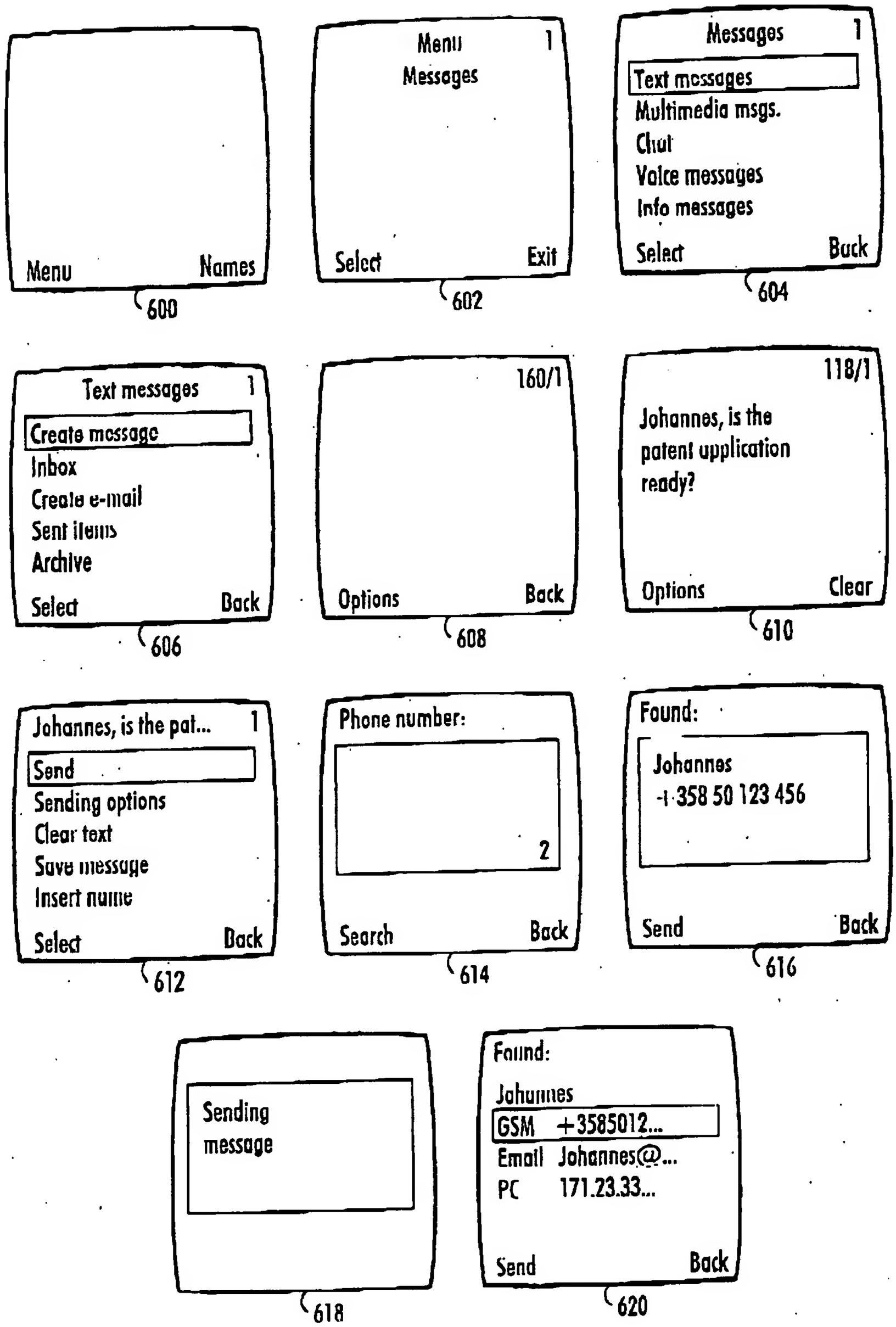
Menu
Names
600
Menu 1
Messages
Select
Exit
602
Messages 1
Text messages
Multimedia msgs.
Chat
Voice messages
Info messages
Select
Back
604
Text messages 1
Create message
Inbox
Create e-mail
Sent items
Archive
Select
Back
606
160/1
Options
Back
608
118/1
Johannes, is the patent application ready?
Options
Clear
610
Johannes, is the pat... 1
Send
Sending options
Clear text
Save message
Insert name
Select
Back
612
Phone number:
2
Search
Back
614
Found:
Johannes
+1 358 50 123 456
Send
Back
616
Sending message
618
Found:
Johannes
GSM +3585012...
Email Johannes@...
PC 171.23.33...
Send
Back
620

FIG. 6

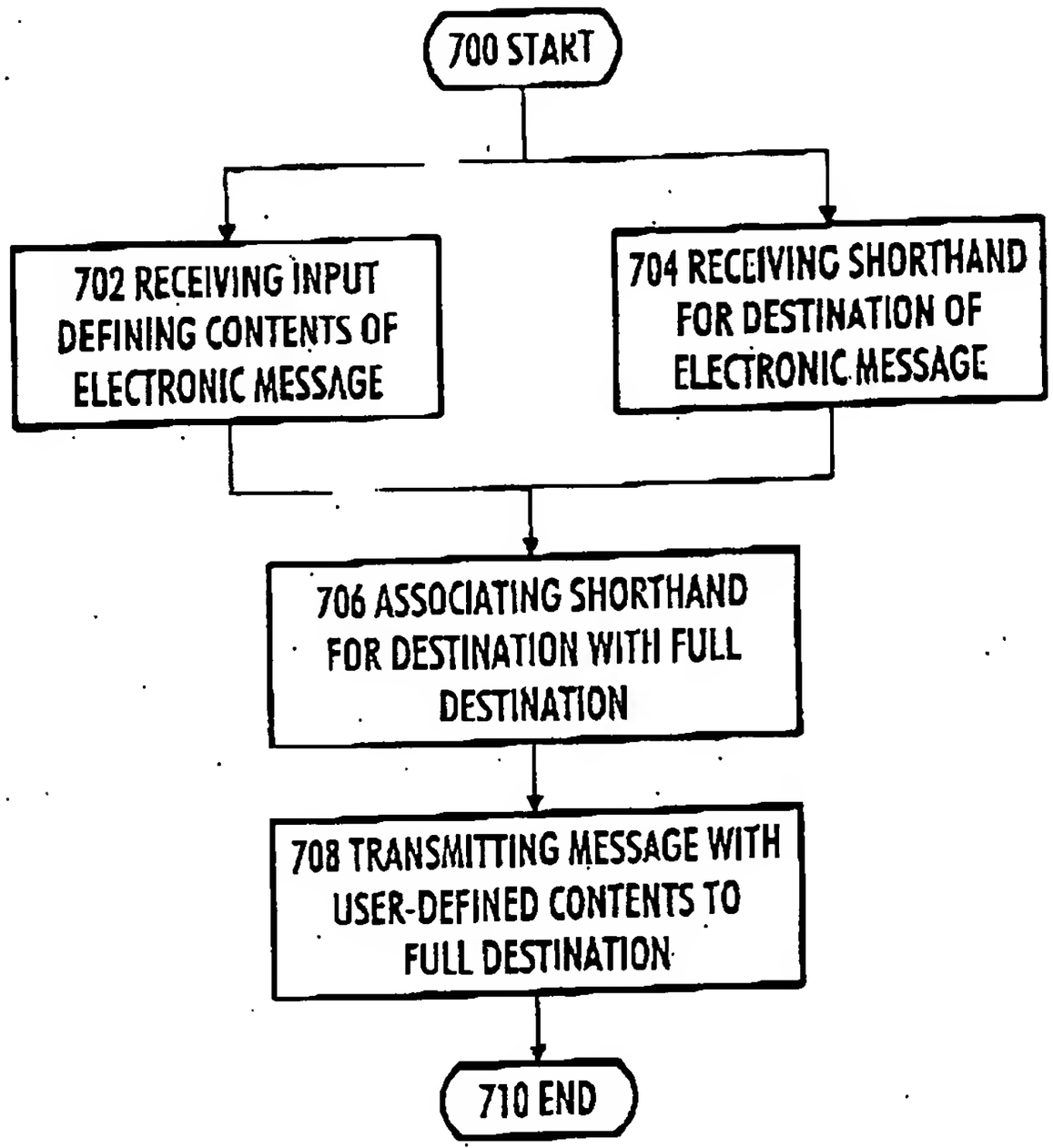
700 START
702 RECEIVING INPUT DEFINING CONTENTS OF ELECTRONIC MESSAGE
704 RECEIVING SHORTHAND FOR DESTINATION OF ELECTRONIC MESSAGE
706 ASSOCIATING SHORTHAND FOR DESTINATION WITH FULL DESTINATION
708 TRANSMITTING MESSAGE WITH USER-DEFINED CONTENTS TO FULL DESTINATION
710 END

FIG. 7